

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 2	
<i>Initials & Control Number:</i>							
2. AMENDMENT/MODIFICATION NO. N66604-03-R-3504-0001		3. EFFECTIVE DATE 2003 AUG 05		4. REQUISITION/PURCHASE REQ. NO. N66604-3027-1EE5		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE		N66604		7. ADMINISTERED BY (If other than Item 6) CODE			
Commercial Acquisition Department, Building 11 Naval Undersea Warfare Center Division, Newport Code 5913 Simonpietri Drive Newport, RI 02841-1708							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				(X)		9A. AMENDMENT OF SOLICITATION NO. N66604-03-R-3504	
				X		9B. DATED (SEE ITEM 11) 2003 JUN 19	
						10A. MODIFICATION OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(X)		A. THIS CHANGE ORDER IS ISSUED PURSUANT TO : (Specify authority) FAR 52.243-					
		THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).					
		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
		D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input checked="" type="checkbox"/> is required to sign this document and return 3 copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
PURPOSE: To add extend the closing date and revise the SOW to add Government Furnished Information concerning a "Specialized Test Set" to SOW paragraph 2.4 and provide drawing 77C956560. 1. The closing date is extended from <u>14 August 2003</u> to <u>28 August 2003</u> . <div style="text-align: center;">(continued on page 2)</div>							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
POINT OF CONTACT: Nancy Howard Tel: 401-832-1545 Fax: 401-832-4820 E-mail: howardns@npt.nuwc.navy.mil							
DISTRIBUTION:							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR				15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
BY _____ (Signature of person authorized to sign)						16C. DATE SIGNED	
				BY _____ (Signature of Contracting Officer)			

2. The following changes are made to the Statement of Work (SOW):

Add the following language to SOW paragraph 2.4 Government Furnished Information:

Development and acceptance testing of the OBE requires a specialized test set. NUWC has developed such a test set, and will provide detailed information on the hardware components of the test set (including the prices NUWC paid for the components). In addition, NUWC will give the winning contractor the software necessary to run the test set, as well as, any software modifications NUWC develops during the course of the contract. NUWC will also support the contractor during initial test set assembly and performance verification. The contractor is responsible for maintaining the test set. The cost of the hardware should be included in the First Article costs. The cost of maintaining the test set should be included in the production costs. The contractor is also free to develop his own test set - however, any test set must provide quantitative data on unit performance. Test sets giving only pass/fail information will not be acceptable for this application. The estimated cost of parts for a test set will be approximately \$30k.

3. Drawing No. 77C956560 P1 and P2 (referenced on 77C56348 and 77C956347) are attached hereto.

4. There are no other changes.

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY

Post-it® Fax Note		7671	Date	# of pages ▶ 4
To PAUL LYNN			From RAY CAMPBELL	
Co./Dept.			Co.	
Phone # 501-832-4345			Phone #	
Fax # 501-832-6401			Fax #	

SPECIFICATION CONTROL DRAWING

[illegible]

(NE 55-0001 03-01)

ACAD FILE: 77035656051RELDWG PROCESSED: 02/12/17 9:57AM

1. NOTES

1.1. SUGGESTED SOURCE(S) OF SUPPLY: SEE TABLE II

1.1.1. IDENTIFICATION OF THE SUGGESTED SOURCE(S) OF SUPPLY HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM(S).

2. REQUIREMENTS

2.1 MATERIAL: ASTM D1056, TYPE I, CLASS D, GRADES 1 AND 3.

3. MARKING

3.1. MARK ITEM OR IDENTIFY PACKAGING CONTAINER IN ACCORDANCE WITH MIL-STD-130 USING MANUFACTURER'S NAME, SYMBOL, TRADEMARK OR CAGE CODE AND ITEM IDENTIFICATION NUMBER.

SIZE A	CAGE CODE 03538	DWG NO 77C956560	REV A
SCALE NONE		SHEET 2	

TABLE 1

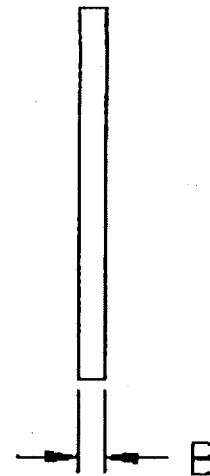
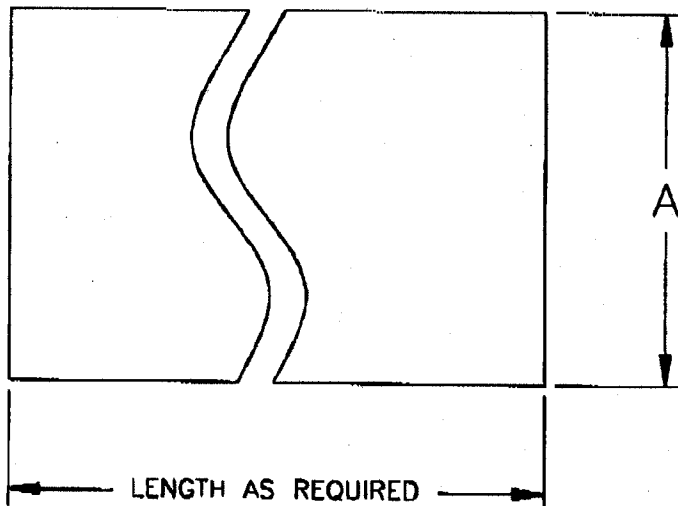
REQUIREMENTS	PART NO. 2	PART NO. 1	SPECIFICATION
DENSITY $\pm 10\%$	20	20	ASTM 3574
COMPRESSION SET	<2%	<2%	ASTM 1667 @73°F (23°C)
	<10%	<10%	ASTM 3574 @158°F (70°C)
	<5%	<5%	ASTM 3574 AFTER AUTOCLAVED 5 HOURS @ 250°F (121°C)
COMPRESSION FORCE DEFLECTION PSI	10 ± 3	5.5 ± 2.5	0.2" MIN STRAIN RATE FORCE @25% DEFLECTION PER ASTM 3574
TENSILE STRENGTH PSI MIN	75	30	@20" PER MIN STRAIN RATE
ELONGATION % MIN	100	100	@20" PER MIN
TEMPERATURE RESISTANCE RECOMMENDED CONSTANT USE	150°F (66°C)	150°F (66°C)	
COLD FLEXIBILITY	PASS	PASS	MIL-P-12420C @-40°F (-40°C)
EMBRITTLMENT TEMPERATURE	-40°F (-40°C)	-40°F (-40°C)	ASTM D-746
FLAME RETARDANCE	PASS	NA	UL94HBF
OUTGASSING- % TOTAL MASS LOSS (TML)	0.9	1.0	ASTM E595 @158°F (70°C)

SIZE A	CAGE CODE 03538	DWG NO 77C956560	REV B
SCALE NONE		SHEET 3	

TABLE II

PART NO.	MANUFACTURER'S ITEM IDENTIFICATION NUMBER	A 1/ MIN	B
	ROGERS CORP PORON & COMPOSITES DIV EAST WOODSTOCK, CT CAGE CODE 61143		
1	4701-59-20062-1648 OR 4701-30-20062-04 OR EQUIVALENT	42.00	.062 ±.005
2	4716-01-20250-1640 OR 4701-40-20250-04 OR EQUIVALENT	38.00	.250 ±.015

1/ THIS WIDTH MAY NOT BE TRIMMED.



SIZE A	CAGE CODE 03538	DWG NO 77C956560	REV B
SCALE NONE		SHEET 4	